Abstract

A description is given of an optionally fluorinated polyurethane-polymer hybrid dispersion with enhanced surface properties (low critical surface tensions γ_c and very high contact angles θ) which is obtainable by

a) preparing a dispersion component (binder) based on an aqueous solution or dispersion of an optionally hydroxy- and/or amino-functional polyurethane-polymer hybrid having optionally fluorinated side chains

and, if desired,

b) subsequently reacting the dispersion component from stage a) with a crosslinker component (D).

The polyurethane-polymer hybrid dispersion of the invention can be prepared in solvent-free or low-solvent fashion and with high solids content and requires only a very low level of stabilizing groups.